

# Minor In Information Systems

## Degree Requirements

A student wishing to obtain a minor in Information Systems has two options: complete the eight recommended courses listed below or contact the Information Systems Coordinator at [isc@cis.usouthal.edu](mailto:isc@cis.usouthal.edu) to prepare a plan compatible with the student's major. All courses must be completed with a minimum grade of "C".

Course	Course Title
CIS 115	Beginning Programming
ISC 245	Info Systems in Organizations
ISC 285	Intermediate Programming
ISC 272	System Architecture
CIS 321	Data Communications and Networking
CIS 324	Database Design, Development & Management
ISC 360	Info Systems Analysis and Design
ISC 361	Database for Info Systems

\*At least 9 hours of courses in the minor, including all 300 level courses, must be completed at the University of South Alabama.

## Department Information

Department of Information Systems and Technology Staff	
Senior Instructor, Information Technology Degree Program Coordinator, and Department Chair	Mrs. Angela M. Clark
Professor, Information Systems Coordinator	Dr. Jeffrey P. Landry
Associate Professor, Health Informatics Program Coordinator	Dr. Matt Campbell

Department of Information Systems and Technology website  
<https://www.southalabama.edu/colleges/soc/cist>

### Information Systems

Computer-based information systems have become a critical part of products, services, and management of organizations. The Information Systems discipline centers on the development of systems that will improve the performance of people in organizations. Information systems are vital to problem identification, analysis, and decision making at all levels of management. Information Systems professionals must analyze the evolving role of information and organizational processes. Their work includes the design, implementation and maintenance of the information systems that form the backbone of today's global economy. Information Systems professionals distinguish themselves by integrating technology into business. Information Systems graduates pursue professional careers as application developers, database analysts, business analysts and into managerial positions. The combination of business, technical, and interpersonal skills are what recruiters demand of Information Systems professionals.

---

## **Health Informatics**

---

Technology is revolutionizing the way that healthcare is delivered both in the United States and around the world. The Health Informatics discipline focuses on improving patient care and outcomes through the use of information systems. Health Informaticists accomplish this in three main ways: supporting the healthcare provider, improving the efficiency and effectiveness of the healthcare organization, and empowering the patient to be more involved in their own care. Health Informatics graduates pursue professional careers with hospitals, large clinics, healthcare software vendors, and various state and federal agencies. The combination of healthcare, technical, and interpersonal skills allow HI graduates to enter these organizations and be productive immediately without the additional training that other traditional technologists may require. Health Informatics is a rapidly growing field that provides graduates who save lives and impact society through the use of technology.

---

## **Information Technology**

---

Information technology professionals utilize state-of-the-art, computer-based tools to deliver today's rapidly evolving computing technology to knowledge workers in widely diverse situations. The information technologist must be prepared to work in the complex network and World-Wide-Web environments to meet the needs of the end users in today's organizations. These tasks require bringing solutions together using the different technologies developed by the computer engineers, computer scientists, and information scientists.